

A detailed cross-sectional view of a liquid crystal display (LCD) panel assembly. The assembly consists of a top substrate (52), a bottom substrate (51), and a central liquid crystal layer (19). The top substrate features a top plate (70) and a top electrode (11). The bottom substrate features a bottom plate (70) and a bottom electrode (11). A liquid crystal layer (13) is positioned between the top and bottom plates. A sealant (16) is used to bond the substrates around the perimeter. Arrows A and B indicate specific regions or components within the assembly.

[illegible]

FIG. 3

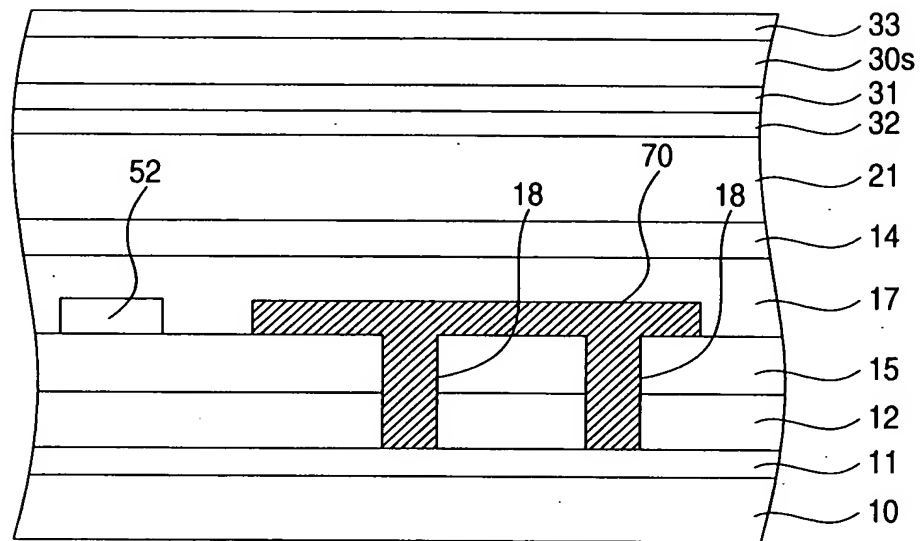


FIG. 5

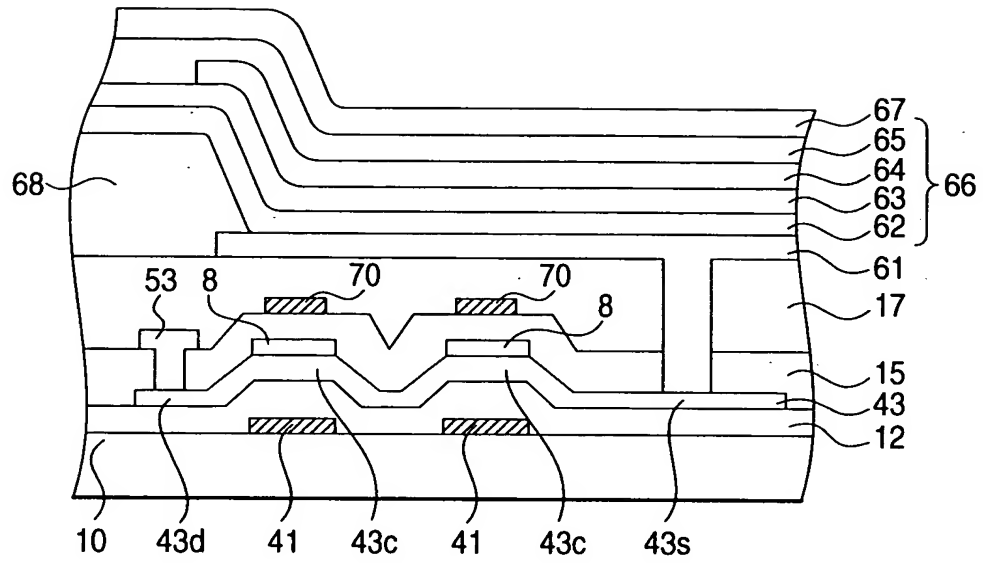


FIG. 6

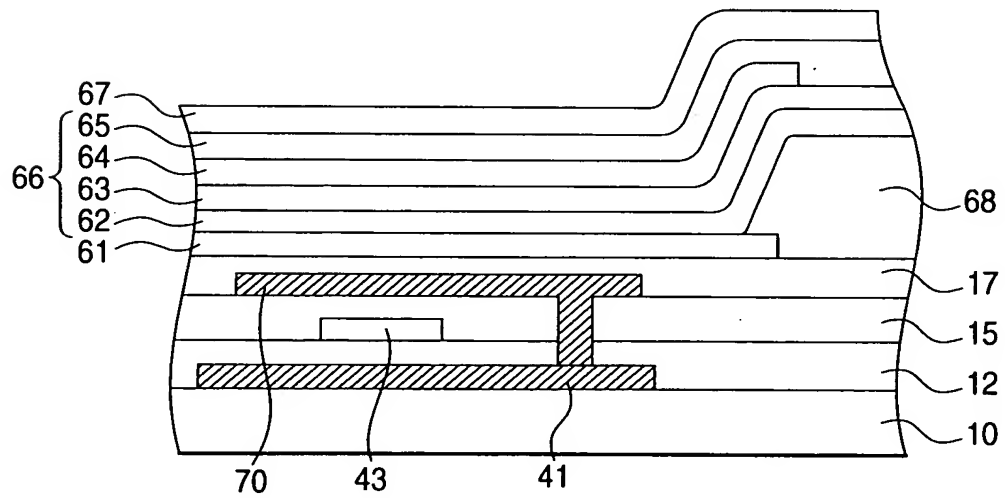


FIG. 7 (a)

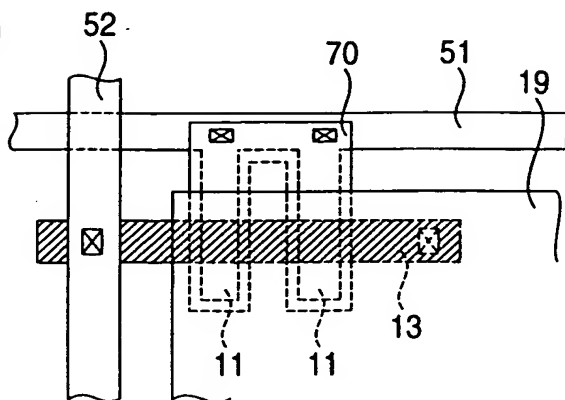


FIG. 7 (b)

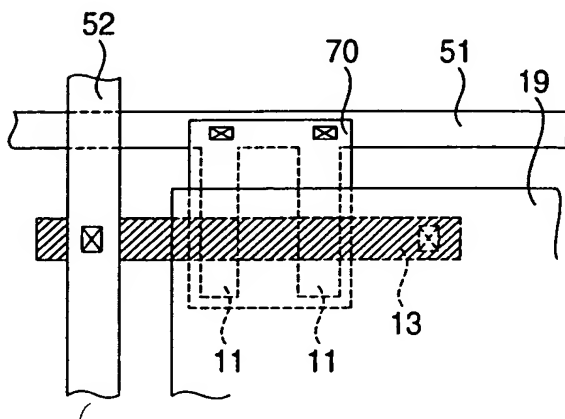


FIG. 8 (PRIOR ART)

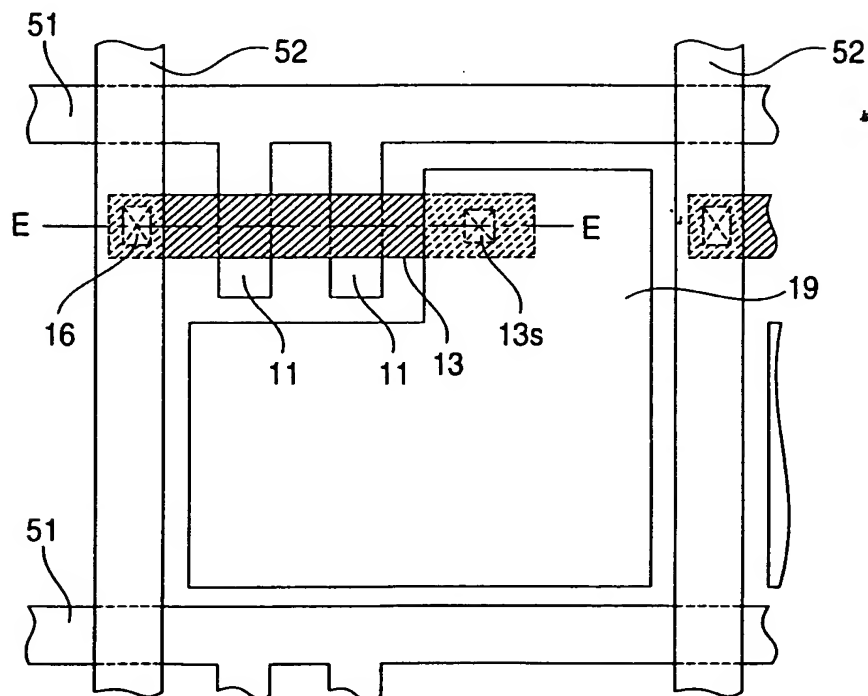


FIG. 9 (PRIOR ART)

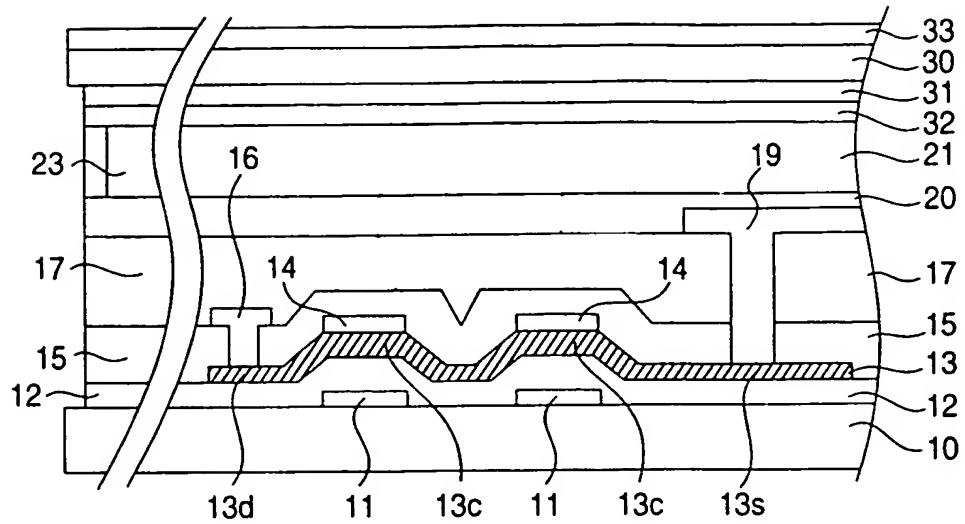


FIG. 10 (PRIOR ART)

